

RESTRICTED USE PESTICIDE

Due to acute oral and inhalation toxicity.

For retail sale and application only by certified applicators or personnel under their direct supervision.

EPA SLN NO.
CA-980012FOR DISTRIBUTION
AND USE ONLY IN
CALIFORNIA

Furadan® 4F

Insecticide-Nematicide

For Agricultural or Commercial Use Only

EPA REG. No. 279-2876 ZA

EMERGENCY CALLS: 800-331-3148

**IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN
A MANNER INCONSISTENT WITH ITS LABELING.**

CROP	PEST	RATE OF APPLICATION
Grapes (Winegrapes only excluding Thompson seedless variety)	Grape Phylloxera	2 to 3 quarts per acre (Pre-harvest) 3 to 6 quarts per acre (Post-harvest)

DIRECTIONS FOR USE:

To control grape phylloxera, apply the specified dosage of Furadan 4F insecticide-nematicide through the drip irrigation equipment.

Pre-Harvest: Apply 2 to 3 quarts per acre (use only 2 quarts if any post-harvest applications were made the previous year). Do not make any pre-harvest applications within 60 days of harvest or after May 1.

Post-Harvest: Apply 3 to 6 quarts per acre. Apply before December. Apply up to a maximum of two applications of three quarts per acre, or up to a minimum of three applications of two quarts per acre only.

Geographical Restrictions: Approved for use ONLY in the following counties: Lake, Monterey, San Benito, San Luis Obispo, Santa Clara, Alameda, Santa Barbara, Yolo, Sacramento, El Dorado, Amador, Calaveras, San Joaquin, Stanislaus, Merced, Madera, Fresno, Kings, Tulare, and Kern.

Application Requirements: Do not apply Furadan 4F insecticide-nematicide for at least 7 days after harvest to allow berries on the ground to dry (raisined).

Apply a minimum of ten gallons of water per vine through drip (trickle) emitters after applying the Furadan 4F insecticide-nematicide.

No daylight irrigation is to occur until the minimum gallonage is applied, or at least until 21 days after last application of Furadan 4F insecticide-nematicide.

A "qualification trained" person shall be at the application site during the application and until the flushing of the lines is completed. The "qualification trained" person shall shut the system down and make necessary adjustments should the need arise.

Use Qualification and Training: Prior to handling and applying Furadan 4F insecticide-nematicide for use on grapes all persons involved must attend "qualification training" provided by the registrant, FMC Corporation. All records of attendance and training shall be maintained by the employer.

During all "handling" activities, "Handlers" must have in possession, proof that they received the FMC training and are "qualification trained".

CHEMIGATION INSTRUCTIONS:

Do not make any pre-harvest applications within 60 days of harvest or after May 1.

Apply this product only through drip (trickle) irrigation system(s).

Do not use this product in conjunction with any public water supply.

To avoid potential avian mortality, apply Furadan 4F insecticide-nematicide one hour after sunset to two hours before sunrise. Allow sufficient time for line flushing such that any emitter puddles will have dissipated two hours before sunrise.

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CHEMIGATION INSTRUCTIONS: (continued)

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.

If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application in a public water system unless the label prescribed safety devices for public water supplies are in place.

A person knowledgeable of the chemigation system and responsible for its operation shall shut the system down and make necessary adjustments should the need arise.

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must also contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional normally closed solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump motor when the water pump motor stops. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Add the appropriate amount of Furadan 4F insecticide-nematicide into the pesticide supply tank and maintain constant agitation during application. The use of a pesticide supply tank is recommended for the application of Furadan 4F insecticide-nematicide through a drip irrigation system. After the drip system has been running for 5 to 10 minutes, inject Furadan 4F insecticide-nematicide over a 30 to 60 minute time span (point of injection must occur after filters to avoid back flushing). After introduction of Furadan 4F insecticide-nematicide, 6 to 10 hours of continued irrigation are required to physically move the insecticide-nematicide below the soil surface and into the root zone.

POSTING:

Posting of areas to be chemigated is required when 1) any part of a treated area is within 100 feet of sensitive areas such as residential areas, labor camps, businesses, day care centers, hospitals, in-patient clinics, nursing homes or any public areas such as schools, parks, playgrounds, or other public facilities not including public roads, or 2) when the chemigated area is open to the public such as golf courses or retail greenhouses.

Posting must conform to the following requirements. Treated areas shall be posted with signs at all usual points of entry and along likely routes of approach from the listed sensitive areas. When there are no usual points of entry, signs must be posted in the corners of the treated areas and in any other location affording maximum visibility to sensitive areas. The printed side of the sign should face away from the treated area towards the sensitive area. The signs shall be printed in English.

Signs must be posted prior to application and must remain posted until foliage has dried and soil surface water has disappeared. Signs may remain in place indefinitely as long as they are composed of materials to prevent deterioration and maintain legibility for the duration of the posting period.

All words shall consist of letters 2 inches tall, and all letters and the symbol shall be a color which sharply contrasts with their immediate background. At the top of the sign shall be the words KEEP OUT, followed by an octagonal stop sign symbol at least 8 inches in diameter containing the word STOP. Below the symbol shall be the words PESTICIDES IN IRRIGATION WATER.

PERMIT CONDITIONS:

User must obtain permit conditions from County Agricultural Commissioner's office prior to application.

ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS ON THE EPA REGISTERED LABEL ARE TO BE FOLLOWED.

PERSONAL PROTECTIVE EQUIPMENT AND RE-ENTRY INTERVALS ON THIS 24(C) OR ON THE BASIC LABEL MUST BE FOLLOWED.

THIS LABEL MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF PESTICIDE APPLICATION.

Code 279 8/98

24(c) Registrant:

FMC Corporation
Agricultural Chemical Group
1735 Market Street
Philadelphia, PA 19103

CA-980012

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